

*2827*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Masanori MINAMIO et al.

Serial No. 10/083,311

Filed: February 27, 2002

For: LEAD FRAME



)  
) Examiner: Lourdes C. Cruz  
) Group Art Unit: 2827  
)  
)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on March 12, 2003

*Linda Ritter*  
Linda Ritter

INFORMATION DISCLOSURE STATEMENT AND  
NOTICE OF REASONS OF REJECTION

Commissioner for Patents  
Washington, DC 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The undersigned certifies that either (1) each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office, in connection with a counterpart foreign application not more than three (3) months prior to the filing of this statement, or (2) no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, was known to any

individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

Enclosed is a Notice of Reasons of Rejection dated February 12, 2003, for a corresponding Japanese patent application together with the references cited therein.

It is requested that the accompanying information disclosure statement be considered and made of record in the above-captioned application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number O I P E	10/083,311
				Filing Date M A R 1 7 2003	February 27, 2002
				First Named Inventor Masanori MINAMIO	
				Art Unit 2827	
				Examiner Name Lourdes C. Cruz	
				Attorney Docket Number PATENT & TRADEMARK OFFICE	740819-754
Sheet	1	of	I		

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code <sup>3</sup> Country Code <sup>3</sup> Number <sup>4</sup> (if known)			
		JP 10256460 A	09-25-1998	Yamaguchi et al.	AB
		JP 2000196004 A	07-14-2000	Matsubara et al.	AB
		JP 08250641 A	09-27-1996	Orimo et al.	AB

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## 拒絶理由通知書

特許出願の番号 特願 2001-056522  
起案日 平成15年 2月 3日 9265 4R00  
特許庁審査官 坂本 薫昭  
特許出願人代理人 岩橋 文雄(外 2名)様  
適用条文 第29条第2項

この出願は、次の理由によって拒絶をすべきものである。これについて意見があれば、この通知書の発送の日から60日以内に意見書を提出して下さい。

### 理 由

この出願の下記の請求項に係る発明は、その出願前日本国内又は外国において頒布された下記の刊行物に記載された発明又は電気通信回線を通じて公衆に利用可能となった発明に基いて、その出願前にその発明の属する技術の分野における通常の知識を有する者が容易に発明をすることができたものであるから、特許法第29条第2項の規定により特許を受けることができない。

記 (引用文献等については引用文献等一覧参照)

- ・請求項 1~6
- ・引用文献等 1~
- ・備考

リード部が分離可能に接続されたものは引用例1, 3に、細幅のくびれ部を有しているものは引用例2に、それぞれ記載されている。また、引用例2には段差部が(請求項2について)、引用例1には3列に構成したものが(請求項3について)、開示されている。

### 引 用 文 献 等 一 覧

1. 特開平10-256460号公報
2. 特開2000-196004号公報
3. 特開平8-250641号公報

### 先行技術文献調査結果の記録

- ・調査した技術分野 IPC第7版

H01L 23/50

この先行技術文献調査の記録は、拒絶理由を構成するものではない。

[書類名] 拒絶理由通知書  
[特許] 2001-056522

[発送日] 2003.02.12  
[発送番号] 039090

頁: 2 / 2

この拒絶理由通知書の内容に関する問い合わせ先  
特許審査第三部 電子素材加工 審査官 坂本薰昭  
電話 03-3581-1101 内線 6362